

# **Areas of my learning that will be assessed this year.**

As part of your class work and by using other assessment tasks, each student will be assessed on their ability in the following areas:

## **Communicating ideas and opinions** **(B: Communication in Science)**

- Involving the use of appropriate language and terminology to describe and explain
- Using examples to support arguments, predictions and conclusions
- How can I use symbols, charts, tables, etc to accurately show information?
- Is all information reliable? How can I be sure?
- How should I correctly acknowledge my information sources?

## **The interaction between science and society** **(A: One World)**

- How does scientific research improve my life?
- What are the advantages and disadvantages of continuing research in an area?
- What science is behind some of the current areas of technology we use each day?

## **Knowledge** **(C: Knowledge & Understanding)**

- What do we know about matter and our surroundings?
- Can I use my knowledge to solve familiar and unfamiliar problems?

## **Scientific Inquiry** **(D: Scientific Inquiry)**

- Can I plan an experiment?
- What equipment will I need to solve the problem?
- Do I know about variables and how to control them?
- Is my test fair?
- Is my method going to produce reliable data and observations?

## **Data Manipulation** **(E: Processing Data)**

- Can I make a graph from data in a table?
- Can I correctly use appropriate calculations to analyse data?
- Can I identify, describe & explain trends in data?
- Can I use data to make a valid conclusion?
- Can I use data to support a point of view?

## **Working in the Laboratory** **(F: Attitudes in Science)**

- Can I work safely?
- Can I use laboratory apparatus properly?
- Can I work cooperatively?
- Can I work independently?